



CHEESE COMPANY

6505 County Road 39 Willows, Ca 95988
530-934-8660, fax 530-934-8670

June 1, 2012

5A112004001

California Regional Water Quality Control Board
Central Valley Region
415 Knollcrest Drive, Suite 100
Redding, CA 96002

RE: Facility ID 5A112004001, re: Monitoring Wells and Pond #1 data 2nd Quarter Apr 2012

Attn: Waste Water Manager:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

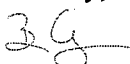
There was no discharge to surface waters, namely Walker Creek, during the month of Apr 2012.

Monitoring Well#3 was decommissioned, and therefore, there were no samples pulled.

No liquid waste was discharged into ponds #4-7 north of Road 39. All waste is discharged into the pond due east of the plant (Pond 1).

Enclosed are monthly and quarterly wastewater results for discharge ponds and monitoring well. Dissolved oxygen data was not compliant for Pond 1 (Ponds 2&3 were compliant), but odor monitoring results concluded that there were little perceivable bad-odors near the ponds or beyond the boundaries of SNCC. Process and cooling water flow results are included as well.

Sincerely,


Ben Gregersen
Owner

erra Nevada Cheese Company

Order R5-2007-0043

Month/Year: Apr. 2012

		<u>Pond 1</u>					<u>Permit Limit</u>
<u>Parameter</u>	<u>Units</u>	<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	
Freeboard	0.01 feet	x	x	x	x		2.0
Berm Seepage	Observations	0	0	0	0	0	
Odors	Observations	2	4	3	3	4 (1: worst, 5:best)	
Dissolved Oxygen	mg/L	<1.0	<1.0	<1.0	<1.0	x	1.0

		<u>Pond 2</u>					<u>Permit Limit</u>
<u>Parameter</u>	<u>Units</u>	<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	
Freeboard	0.01 feet	x	x	x	x		2.0
Berm Seepage	Observations	0	0	0	0	0	
Odors	Observations	2	4	3	3	4	
Dissolved Oxygen	mg/L	2.49✓	6.37✓	1.92✓	1.73✓	x	1.0

		<u>Pond 3</u>					<u>Permit Limit</u>
<u>Parameter</u>	<u>Units</u>	<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	
Freeboard	0.01 feet	x	x	x	x		2.0
Berm Seepage	Observations	0	0	0	0	0	
Odors	Observations	2	4	3	3	4	
Dissolved Oxygen	mg/L	7.09✓	7.51✓	7.13✓	7.67✓	x	1.0

Monthly Monitoring of Pond 1

<u>Parameter</u>	<u>Units</u>	<u>Date: 4/26/12 - please refer to MW data sheet for Pond data</u>	
pH	pH units		
Electrical Conductiv	umhos/cm		
BOD	mg/L	x	
Ammonia	mg/L		
Kjeldahl Nitrogen	mg/L	x	
Nitrate as N	mg/L		
Total Diss.Solids	mg/L		
Fixed Diss Solids	mg/L		
Arsenic	ug/L		
Calcium	mg/L		
Chloride	mg/L		
Iron	ug/L		
Magnesium	mg/L		
Manganese	ug/L		
Potassium	mg/L		
Sodium	mg/L		
Sulfate	mg/L		
Total Alkalinity	mg/L		
Bicarbonate	mg/L		
Carbonate	mg/L		
Hardness	mg/L		

Sierra Nevada Cheese Company
Order R5-2007-0043

Month/Year: Apr 2012

	<u>Process</u>	<u>Non-Contact</u>
	<u>Water</u>	<u>Cooling</u>
<u>Date</u>	<u>(gal/day)</u>	<u>Water</u>
<u>gpd</u>	7587	<u>(gal/day)</u>
<u>gpm</u>	151351	21440
		471680

Leachfield Monitoring

1	Jan
2	Feb
3	Mar
4	Apr
5	May
6	Jun
7	Jul
8	Aug
9	Sep
10	Oct
11	Nov
12	Dec
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	

No presence of seeps, erosion, saturation, ponding

Solids Monitoring

	<u>Waste Type</u>	<u>Quantity</u>	<u>Disposal Location</u>	<u>Disposal Method</u>
18	1st Quarter			
19				
20	2nd Quarter	none	0	na na
21				
22	3rd Quarter			
23				
24	4th Quarter			
25				
26				
27				
28				
29				
30				
31				

Maximum 0 0

Permit Limit: 8,000
gal/day
monthly --

Sierra Nevada Cheese Company

Order R5-2007-0043

Quarter/Year: 2nd Q (Apr) 2012

Parameter	Units	MW-1	MW-2	MW-4	Pond-1	Permit Limit
Depth to GW*	0.01 feet	15.52✓	21.32✓	11.91✓	na✓	
GW elevation	0.01 feet	129.10	129.14	129.91	na✓	
pH	pH units	6.39	6.45	6.53	4.58	
Electrical Conductivity		409✓	454✓	464✓	2230	700
BOD ₅	mg/L	<3.0	<3.0	<3.0	3610	
Ammonia as NH ₃	mg/L	0.09	0.05	0.12	64.3	
Kjeldahl Nitrogen	mg/L	0.4	0.2	0.5	123.0	
Nitrate as N	mg/L	0.03✓	3.3✓	0.13✓	<0.1	10
Total Diss Solids	mg/L	212	235	238	1100	
Fixed Diss Solids	mg/L	156	188	190	1170	
Arsenic	ug/L*	1.7	0.5	1.0	<0.5	
Calcium	mg/L	26	25	32	97	
Chloride	mg/L	22.7	19.7	34.1	331	
Iron	ug/L*	7	5	9	973	
Magnesium	mg/L	19	30	24	43	
Manganese	ug/L*	1.5	2.2	4.2	49.8	
Potassium	mg/L	5	2	5	142	
Sodium	mg/L	27	21	30	245	
Sulfate	mg/L	19.2✓	28.30✓	37.40✓	10.3	250
Total Alkalinity	mg/L	152	167	149	428	
Bicarbonate	mg/L	185	204	182	522	
Carbonate	mg/L	<2	<2	<2	<2	
Hardness	mg/L	149	191	173	430	

ug/L* Please note that we've changed our water testing company- different units are noted.

Annual Report (due 1 February each year, must include map showing groundwater gradient and direction & graphs)

Greg Cash - FW: MW 2nd Q and Apr Pond Data

From: Kathy Gallego <kathy@sierranevadacheese.com>
To: "GDCash@waterboards.ca.gov" <GDCash@waterboards.ca.gov>
Date: 5/30/2012 12:08 PM
Subject: FW: MW 2nd Q and Apr Pond Data
Attachments: MW data Q2, 2012.pdf; Apr 12 Pond-Proc.xls; quarterly waste water cover letter.doc

Hello Greg

Please see the attached data from Apr/2nd Q wastewater. As I stated in the cover letter, we have had MW#3 decommissioned. Ben will be out of the office for the better part of June, but when he returns we will take a closer look at the monitoring well options available to us. Please contact me with any questions you may have in regards to the data.

Thank you,
Kathy Gallego
Quality Manager



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From: Kathy Gallego
Sent: Wednesday, May 30, 2012 12:02 PM
To: waterboard
Cc: , heidi; Ben Gregersen
Subject: MW 2nd Q and Apr Pond Data

Hello Jacqueline

Please see the attached data from Apr/2nd Q wastewater. As I stated in the cover letter, we have had MW#3 decommissioned. Ben will be out of the office for the better part of June, but when he returns we will take a closer look at the monitoring well options available to us. Please contact me with any questions you may have in regards to the data.

A hard copy of the data will follow.

Thank you,
Kathy Gallego
Quality Manager



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